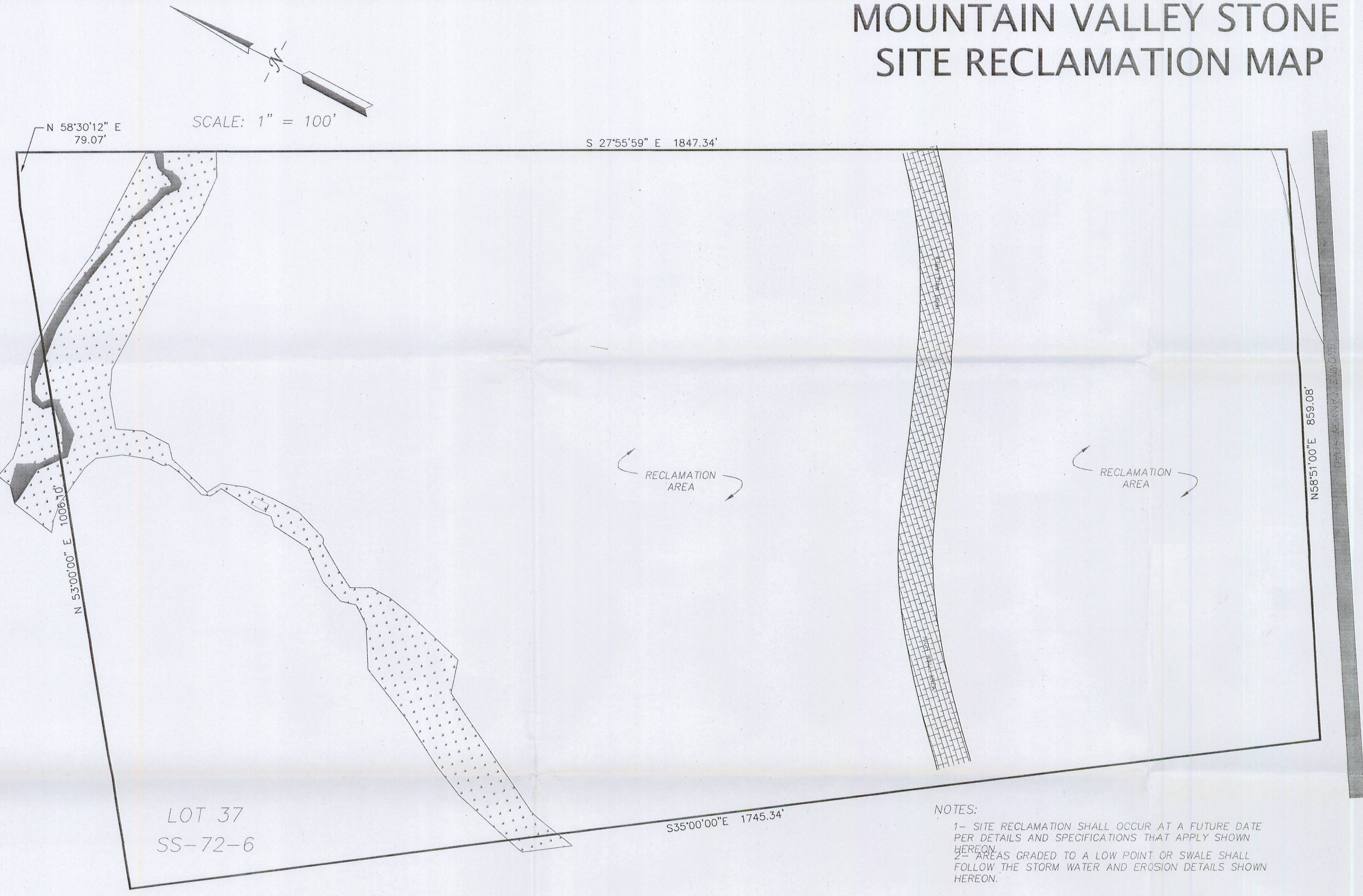
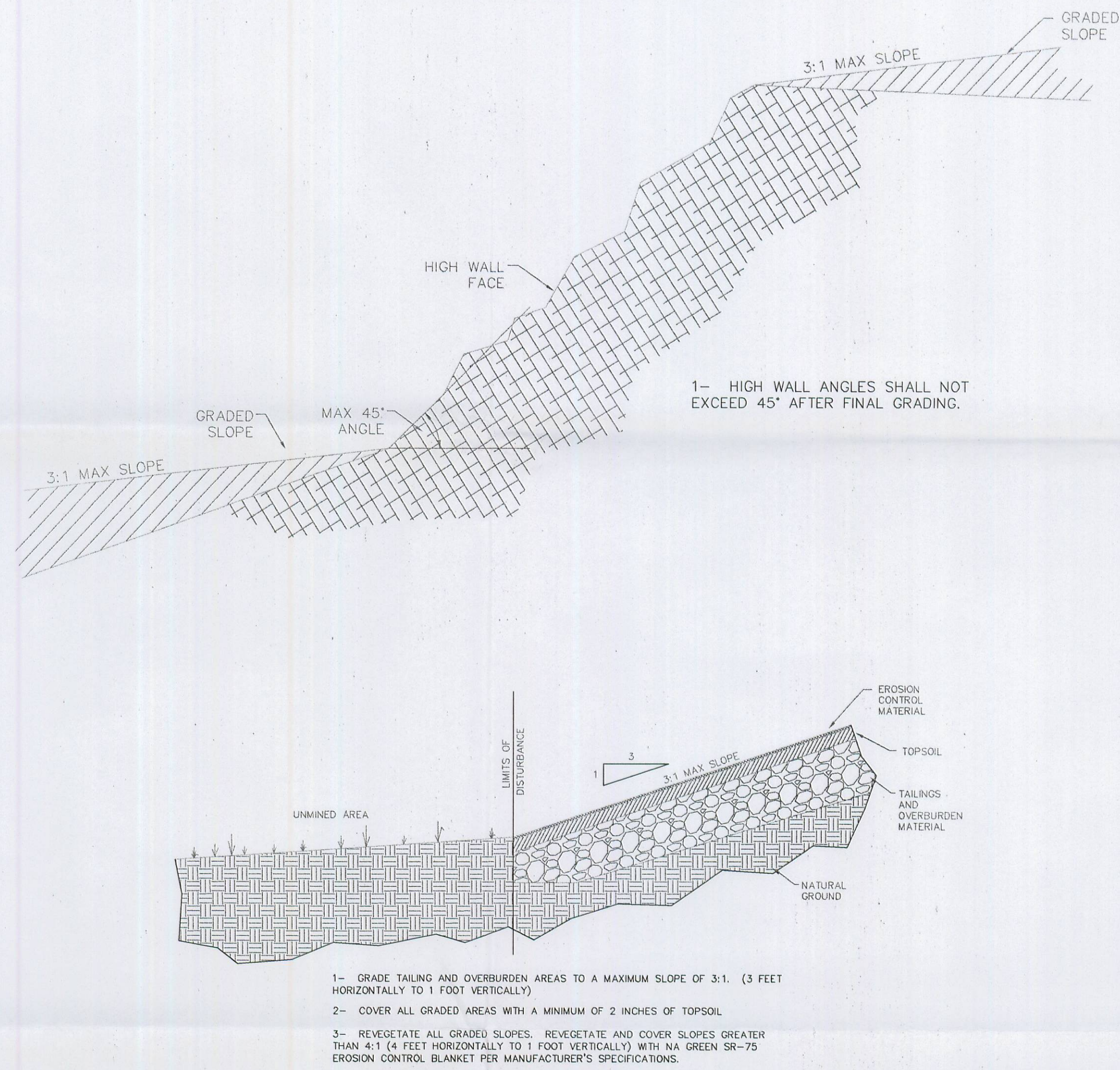


MOUNTAIN VALLEY STONE
SITE RECLAMATION MAP



SITE GRADING DETAILS



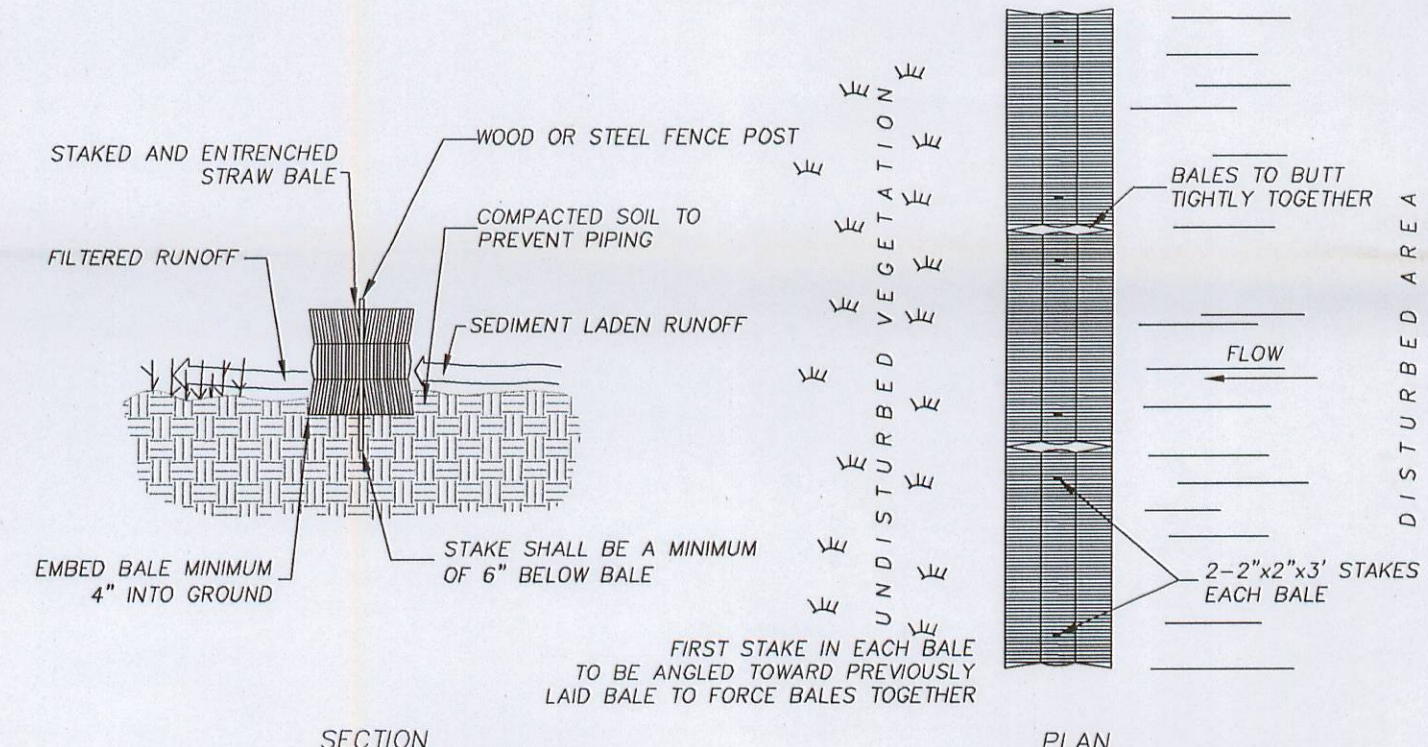
STORM WATER AND EROSION CONTROL DETAILS

STRAW BALE BARRIER

DEFINITION: TEMPORARY SEDIMENT BARRIER CONSISTING OF A ROW OF ENTRENCHED AND ANCHORED STRAW BALES

PURPOSE: TO FILTER STORM WATER RUNOFF FROM UPGRADE DISTURBED AREA AND TRAP SEDIMENT ON SITE.

APPLICATION: PERIMETER CONTROL: PLACE BARRIER AT DOWNGRADIENT LIMITS OF DISTURBANCE
SEDIMENT BARRIER: PLACE BARRIER AT TOE OF SLOPE OR SOIL STOCKPILE
PROTECTION OF EXISTING WATERWAYS: PLACE BARRIER AT TOP OF STREAM BANK



LIMITATIONS: * RECOMMENDED MAXIMUM DRAINAGE AREA OF 0.5 ACRE PER 100 FEET OF BARRIER
* RECOMMENDED MAXIMUM UPGRADE SLOPE LENGTH OF 150 FEET
* RECOMMENDED MAXIMUM UPHILL GRADE OF 2:1 (50%)

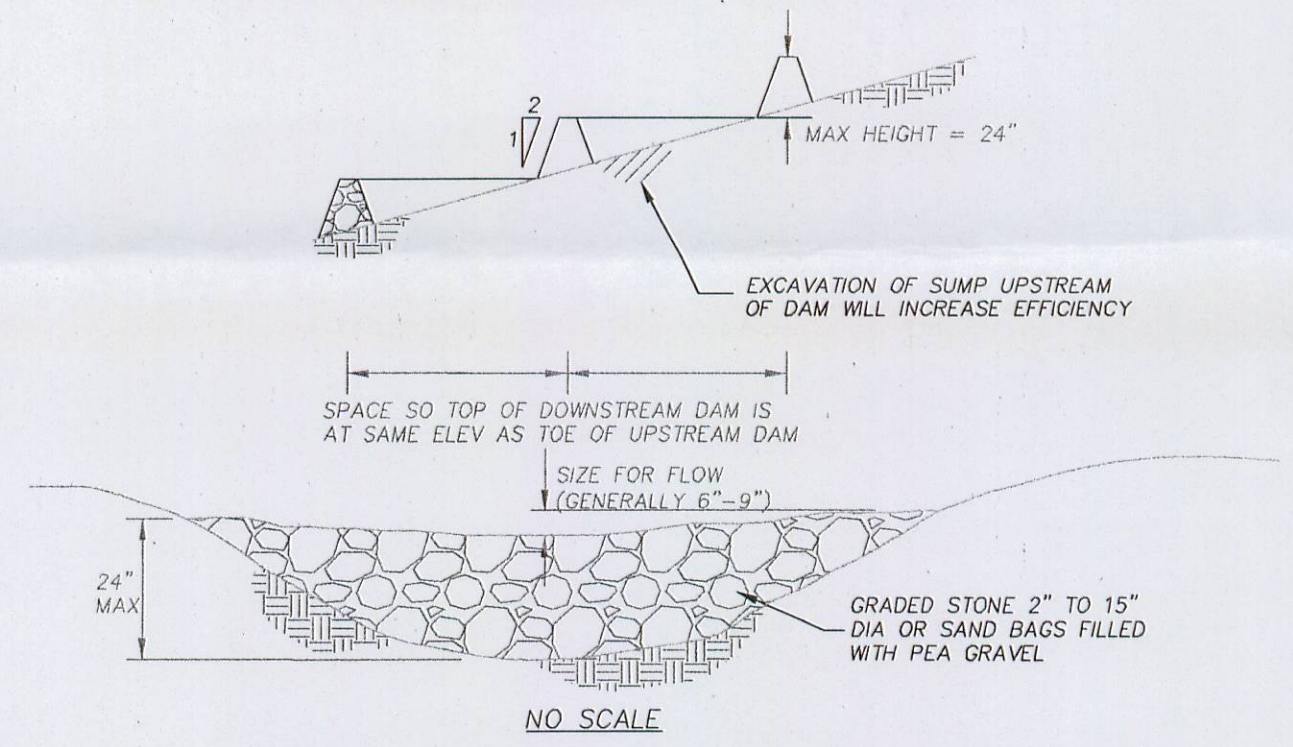
INSTALLATION: * EXCAVATE A 4-INCH MINIMUM DEEP TRENCH ALONG CONTOUR LINE, 16\"/>

ROCK CHECK DAMS

DEFINITION: SMALL TEMPORARY DAM CONSTRUCTED ACROSS DRY DRAINAGE PATH (i.e. NOT IN LIVE STREAMS).

PURPOSE: TO REDUCE EROSION OF DRAINAGE PATH BY REDUCING VELOCITY OF FLOW AND BY TRAPPING SEDIMENT AND DEBRIS.

APPLICATION: * TEMPORARY DRAINAGE PATHS
* PERMANENT DRAINAGE WAYS NOT YET STABILIZED
* EXISTING DRAINAGE PATHS RECEIVING INCREASED FLOWS DUE TO CONSTRUCTION



LIMITATIONS: * MAXIMUM RECOMMENDED DRAINAGE AREA IS 10 ACRES
* MAXIMUM RECOMMENDED HEIGHT IS 24\"/>

REVEGETATION SPECIFICATIONS

REVEGETATION REQUIRED ON ALL DISTURBED AREAS

ALL DISTURBED AREAS DUE TO CONSTRUCTION OF THE ROAD AND HOMESITES SHALL BE REVEGETATED BY REPLACING A MINIMUM OF 6\"/>

ALL ROAD CUT AND FILL SLOPES WILL REQUIRE EITHER TEMPORARY OR PERMANENT EROSION CONTROL BLANKETS AS SPECIFIED.

SEED MIX SPECIFICATIONS		
SPECIES		Lbs./Acre
WYOMING BIG SAGEBRUSH	VWS	0.1
ROCKY MOUNTAIN PENSTEMON	BANDERA	1
ORCHARD GRASS	PAIUTE	2
YELLOW SWEETCLOVER	VWS	1
FORAGE KOCHIA	IMMIGRANT	1
SASKATOON SERVICEBERRY	VWS	1
ALFALFA	LADAK	1
INTERMEDIATE WHEATGRASS	OAKE	3
ANTELOPE BITTERBRUSH	VWS	1
SMALL BURNET	DELAR	1
THICKSPIKE WHEATGRASS	CRITANA	2
BLUEBUNCH WHEATGRASS	SECAR	2
BASIN WILDRYE	TRAILHEAD	1
TOTAL = 17.1 LBS./ACRE PLS (PURE LIVE SEED)		

SEEDING SPECIFICATIONS

SCHEDULING
Pre-measure the area to be seeded before ordering seed from supplier.
Seeding Window: Complete all general roadside seeding within the appropriate seeding window. If the seeding is not completed within the given window, postpone seeding until the following year.
Under certain conditions, an exception to this window may be obtained. The exception must be approved by the OWNER.
Seeding window is as follows:
Elevation Above 6000 ft Seeding Window Sept. 1 to Nov 15
Topsoil: Place topsoil just before seeding to eliminate competition from weeds. Coordinate topsoil placement with the above seeding window.

SEED
Meet the Utah Seed Law: Utah Code - Title 4, Chapter 16.
Supply seed on a pure live seed (PLS) basis, according to the Summit County approved seed mix.
Obtain seed from lots that have been tested by a state certified seed testing laboratory. Seed germination tests older than 18 months for grass seed, and 9 months for forb, shrub, or tree seed are not acceptable.
Do not use wet, moldy or otherwise damaged seed.
Seed Substitutions
Before requesting a seed substitution, contact the major seed brokers in the state to verify that the seed is unavailable.
Replacement seed shall be of equal or greater cost to the originally specified seed.

PREPARATION
Complete all final grading, trench setting, topsoil placement, surface preparation, and irrigation work before seeding begins.
Prepare General Seeding (for all seeded areas).
Before any seed or sod work begins, properly prepare the topsoil surface and have it approved by the OWNER.
Do not work topsoil or seed when the soil is saturated or frozen.

SEEDING
1. Notify the OWNER 7 working days before seeding.
2. Apply seed at the rate indicated in the Seed Schedule shown in the plans.
3. Use the broadcast method of seeding under the following conditions:
Slopes steeper than 1:3.
Slopes 1:3 and flatter where the area to be seeded is inaccessible to drill.
Where the area to be seeded is not large enough to justify using a drill.
Where rocky surface conditions would damage a drill.
4. Broadcast the seed and rice hull carrier (if needed) evenly in one direction with a cyclone seeder or other approved mechanical seeder. Or, using a hydroseeder, apply seed, water and 500 kg of cellulose fiber mulch (tracer) per hectare. Do not seed during windy weather or when soil is saturated.
5. Incorporate the seed into the soil by one of three methods:
Cat-tracking, running the dozer up and down the slope, creating continuous cleat tracks that run parallel with the contours.
Hand raking the seed in 5 mm to 15 mm deep and along the contours of the slope.
Slope chaining by pulling the chain along the contour until the seed is covered.

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PRINT DATE: 07/02/2012
DRAWN BY: BMB
REVIEWED BY:
APPROVED BY:
FILE NAME:

SUMMIT COUNTY APPROVAL
SIGNATURE
DATE

MOUNTAIN VALLEY STONE
LOCATED IN SUMMIT COUNTY, UTAH

SITE RECLAMATION MAP

PROJECT NAME:
SHEET NAME:
PROJECT NO.
C02-016
SHEET NO.
SP-2